



CrystalCoat™ **MP-1154D**

PREMIUM ABRASION RESISTANCE

- **Ophthalmic & Sunglass Eyewear**
- **Safety, Sports & Military Eyewear**

High Performance Chemistry

Founded in 1986, SDC Technologies, Inc. (SDC) is the recognized global leader in the manufacturing and distribution of premium proprietary abrasion resistant coatings. Leveraging the science of Sol-Gel Chemistry has led to the development of new technologies that transform the performance of coating. SDC's innovative coating solutions combine superior scratch and chemical resistance with exceptional product stability.

Proven Industry Reputation

With more than 33 years of product innovation, SDC's proprietary technologies are trusted by the world's most prestigious brands. CrystalCoat coatings were designed to elevate your brand by enhancing the durability and quality of your products.

Patented Technology

CrystalCoat MP-1154D delivers improved adhesion, and best-in-class abrasion and chemical resistance. Uniquely formulated for ophthalmic and other high performance applications where optical clarity and high durability are required. Capable of meeting your dynamic production needs, MP-1154D is a multi-purpose, thermal cure coating compatible with anti-reflective (A/R), mirror and metalizing lens treatments, and suitable for dip and spin coat applications. MP-1154D offers excellent environmental durability including QUV, and has a good refractive index-match with hard resin lenses.

SDC's optically clear coatings are formulated to maximize the performance and durability of eyewear. These revolutionary multi-purpose coatings are highly versatile, and can easily be integrated into your coating operations, requiring no pre-mixing. CrystalCoat's easy to use single coat application, and long service life eliminates the need for frequent tank changes outs, delivering outstanding value.



CrystalCoat™ MP-1154D

PRODUCT OVERVIEW

- Exceptional Optical Clarity
- Dip and Spin Coat Application
- Compatible with A/R, Mirror & Metalizing Coatings
- Premium Bayer Ratio >5

PERFORMANCE FEATURES

- Delivers best-in-class abrasion and chemical resistance
- Excellent product durability and stability
- Easy to use single coat system, meets demanding industry test requirements
- Exceptional adhesion to hard resin substrates

PRODUCTION BENEFITS

- Manufactured under stringent ISO 9001:2008 quality standards, enhancing coating performance
- Long product service life reduces the need for frequent tank change-outs
- CrystalCoat streamlines manufacturing, enhancing yields and profitability
- Access to SDC's global technical support team for your product validation & application requirements

PRODUCT FEATURES

Description	Typical Values
Abrasion Resistance	Excellent
Refractive Index	1.49
% Solids	21–24



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